

IN THE CLAIMS

Please amend claims 1-8 as follows:

1           1. (Currently Amended) A high-pressure discharge lamp provided  
2 with a discharge vessel having a wall of a ceramic material, and  
3 provided with at least one electrode feedthrough comprising a  
4 cermet rod, which is secured, at a first end, to a first end of an  
5 electrode pin by means of a welded joint, which electrode pin is  
6 substantially composed of tungsten and extends in line with the  
7 cermet rod, ~~characterized in that~~ wherein the electrode pin  
8 comprises a solidified tungsten melt at its first end in the  
9 vicinity of the interface between electrode pin and cermet rod.

1           2. (Currently Amended) A lamp as claimed in claim 1,  
2 ~~characterized in that~~ wherein the solidified tungsten melt has a  
3 dimension that is at most equal to the diameter of the electrode  
4 pin, and the distance from said solidified tungsten melt to the  
5 interface between electrode pin and cermet rod is smaller than half  
6 the diameter of the electrode pin.

1           3. (Currently Amended) A lamp as claimed in claim 1,  
2 ~~characterized in that~~ wherein the electrode pin exhibits, at its

3 first end, a tungsten melt in three locations on its circumference,  
4 which tungsten melts are arranged at an angle of 120° with respect  
5 to each other and are at the same distance from the interface.

1 4. (Currently Amended) A lamp as claimed in claim 1,  
2 ~~characterized in that~~ wherein the cermet rod is connected at a  
3 second end to a niobium pin.

1 5. (Currently Amended) A lamp as claimed in claim 1,  
2 ~~characterized in that~~ wherein the electrode pin carries a tungsten  
3 electrode spiral at a second end.

1 6. (Currently Amended) A method of manufacturing an electrode  
2 feedthrough for a high-pressure discharge lamp ~~as claimed in claim~~  
3 ~~1, characterized in that~~ comprising:  
4 arranging a cermet rod ~~is arranged~~ such that a first end butts  
5 against a first end of a substantially tungsten electrode pin  
6 situated in line with the cermet rod, and ~~in that~~  
7 directing a laser beam ~~is directed~~ at the first end of the  
8 electrode pin, at a target point in the vicinity of the interface  
9 between electrode pin and cermet rod, as a result of which a welded

10 joint is obtained at the interface between cermet rod and electrode  
11 pin and, in addition, a melt, which solidifies upon cooling, is  
12 formed at the target point on the first end of the electrode pin.

1        7. (Currently Amended) A method as claimed in claim 6,  
2 | ~~characterized in that~~ wherein two or more laser beams are directed  
3 | at two or more target points on the circumference of the first end  
4 | of the electrode pin, which target points are situated on the  
5 | circumference of the electrode pin so as to make equal angles with  
6 | each other and are situated at an equal distance from the interface  
7 | between electrode pin and cermet rod.

1        8. (Currently Amended) A method as claimed in claim 7,  
2 | ~~characterized in that~~ wherein three laser beams are applied at an  
3 | angle of 120°.